

## ABSTRACT OF THE DISCLOSURE

A floating-probe flowmeter for measuring the flow rate of a moving medium includes a measuring tube through which flows a medium against the force of gravity and a float capable of moving at least in the direction of the medium flow. The surface of the float that is exposed to the flow of the medium and/or the inner surface of the measuring tube at least in the area of movement of the float is/are provided with a microstructure designed to virtually eliminate the effect of the viscosity of the flowing medium on the lift of the float.